

INTERNATIONAL SEARCH REPORT

PCT/EP2005/050676

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B60S1/40 B60S1/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 B60S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 102 12 441 A (VALEO AUTO ELECTRIC GMBH) 13 November 2003 (2003-11-13) the whole document -----	1-18
A	US 6 599 051 B1 (JARASSON JEAN-MICHAEL) 29 July 2003 (2003-07-29) column 5, line 40 – column 6, line 10; figures 2-4 column 6, lines 42-60 -----	1-18
A	DE 101 30 903 A (BOSCH GMBH ROBERT) 23 May 2002 (2002-05-23) cited in the application figures -----	1-18

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents:

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T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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& document member of the same patent family

Date of the actual completion of the International search	Date of mailing of the International search report
28 April 2005	06/05/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016	Authorized officer Westland, P

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DE 10130903	A	23-05-2002	DE 10130903 A1 AU 1898202 A WO 0240328 A1 DE 10194924 D2 EP 1337419 A1	23-05-2002 27-05-2002 23-05-2002 09-10-2003 27-08-2003